

Utah Monthly Communicable Disease Report

February 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, February 2017

Disease/Condition	Feb 2017	5-yr Feb avg+	2017 YTD**	5-yr YTD avg+, **
<i>Acinetobacter species resistant to carbapenems</i>	6	U	11	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	1	0.0	1	0.4
foodborne	0	0.0	0	0.0
infant	1	0.0	1	0.4
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.2	0	0.2
Campylobacteriosis	30	23.8	59	52.0
Chickenpox	24	26.2	32	56.8
Chlamydia	785	652.0	1,665	1,397.8
Cholera	0	0.0	0	0.0
Coccidioidomycosis	3	3.2	5	7.6
Colorado tick fever	0	0.0	0	0.0
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.4	1	0.8
Cryptosporidiosis	9	7.8	14	16.2
Cyclosporiasis	0	0.0	0	0.0
Dengue	0	0.0	0	0.4
Ehrlichiosis/Anaplasmosis	0	0.0	0	0.0
Encephalitis	0	0.2	0	0.2
Enterobacter species resistant to carbapenems	4	U	10	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	2	U	3	U
Giardiasis	9	10.4	16	26.2
Gonorrhea	178	86.8	370	193.6
HIV infection	0	0.0	0	0.0
Haemophilus influenzae, all ages, invasive disease	3	3.2	10	7.0
nonserotype B, age < 5 years	0	0.0	1	0.2
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	1	0.2	2	0.6
Hansen's disease (Leprosy)	0	0.0	0	0.0
Hantavirus pulmonary syndrome	0	0.0	0	0.0
Hemolytic uremic syndrome, post-diarrheal	0	0.2	0	0.2
Hepatitis A	1	0.2	1	0.4
Hepatitis B, acute	0	1.6	2	2.0
Hepatitis B, chronic	19	21.8	51	49.6
Hepatitis C, acute	4	2.0	8	3.6
Hepatitis C, chronic	174	118.8	407	258.4
Hepatitis, other viral	0	0.0	0	0.0
Influenza-associated hospitalization§	253	150.6	728	386.0
Influenza-associated pediatric mortality§	0	0.4	0	1.6
Klebsiella species resistant to carbapenems	2	U	4	U
Legionellosis	1	2.0	2	4.8
Leptospirosis	0	0.0	0	0.2
Listeriosis	0	0.0	0	0.4
Lyme disease	0	0.2	0	1.0

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Malaria	0	0.2	1	0.6
Measles	2	0.2	3	0.6
Meningitis, aseptic	0	3.0	0	5.8
Meningitis, bacterial, other	0	1.0	0	1.8
Meningitis, viral	0	1.0	0	2.6
Meningococcal disease (Neisseria meningitidis)	0	0.4	0	0.4
Mumps	9	0.2	13	0.4
Pertussis	8	63.8	17	136.2
Plague	0	0.0	0	0.0
Q fever	0	0.4	0	1.0
Rabies, animal	0	0.0	0	0.0
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.0
Rubella	0	0.0	0	0.0
Salmonellosis	18	17.0	41	37.2
Shiga toxin-producing Escherichia coli (STEC) infection	0	1.4	1	4.2
Shigellosis	3	3.0	4	6.4
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	0	0.6
Streptococcal disease, invasive, group A	0	11.2	2	25.8
Streptococcal disease, invasive, group B	2	7.8	7	16.4
Streptococcal disease, invasive, other	28	25.8	69	51.2
<i>Streptococcus pneumoniae</i> , invasive disease	16	22.2	36	48.0
age < 5 years	1	1.6	3	3.8
Syphilis, early (infection < 12 months)	11	7.0	20	17.0
primary & secondary	4	4.0	10	9.4
early latent	7	3.0	10	7.6
Syphilis, latent (infection > 12 months)	4	3.4	7	8.4
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.2	0	3.6
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	0	1.8	0	3.6
Tularemia	0	0.0	0	0.0
Typhoid fever	0	0.2	0	0.2
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	0	0.0	1	0.2
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0

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